

Amendments to the Specification:

Please replace the paragraph on page 11 extending from lines 6 through 11 with the following amended paragraph:

The lubrication referred to hereinabove with respect to several of the moving parts may be provided simply by splash lubrication of the lubricant in the pool ~~50~~ 12, or can be directly applied by any known lubricant applying means known in the internal combustion engine arts, including sprayed lubrication, grooves and/or ducts conducting lubricant to the intended areas, a lubricant pump, among other types of known lubricating means.

Please replace the paragraph bridging pages 18 and 19 (i.e. the paragraph extending from p. 18 line 21 through page 19 line 12) with the following amended paragraph:

Fig. 7A is a sectional longitudinal side view of the spherical member 4 of the rotary engine 100 of Fig. 1. In this view, the groove 7 is clearly shown. The ports 17 and 17 are seen, as is the lowermost portion of the spherical member 4. In this lowermost portion, there are the ports ~~6~~ 66 for the valves lifters and a collar wall 32 serving as a passageway through which the rotor 3 extends in Fig. 1, an inner spherical chamber wall 34 annularly surrounding the collar wall 32, and a bottom

wall 33 which serves as a connecting wall between the collar wall 32 and the inner spherical chamber wall 34. The collar wall 32 has an upper surface 36 as seen in Fig. 7A. A pair of extending curved arms ~~60~~ 61 are disposed on opposite sides of the inner spherical chamber wall 34, and serve to support and guide the valve lifts 6. Apertures 35 are shown disposed in the inner spherical chamber wall 34, permitting engagement of gear teeth of an inner gear member 5 (shown in Fig. 1) with gear teeth of a collar portion of the valve lifts 6 (not shown); small gears can be disposed within the apertures 35 to communicate rotational motion from the gears within the inner spherical chamber wall 34 and the valve lifts 6.